

IN THE CLAIMS:

Please cancel claims 1-11, 17 and 18 in their entirety without prejudice nor disclaimer of the subject matter set forth therein as being drawn to a non-elected invention.

Please add new claims 19-34 as follows.

1.-11. (Canceled)

12. (Original) A mounting holder of a vibration-generating small-sized motor that covers an outside of an external housing case of the motor,

wherein an inside of the holder is formed in substantially the same shape as the outside of the external housing case of the motor, and there is provided a groove-shaped rail at a part of the outside of the holder in a facing direction,

whereby the motor can be fixed in place within a portable electronic equipment by an insertion of an edge of a circuit board or a portion of a case of the electronic equipment in said groove-shaped rail.

13. (Original) A mounting holder of a vibration-generating small-sized motor that covers an outside of an external housing case of the motor,

wherein an inside of the holder is formed in substantially the same shape as the outside of the external housing case of the motor, there is provided a groove-shaped rail at a part of the outside of the holder in a facing direction, there are provided extensions of the holder that project from both sides of said groove-shaped rail,

whereby the motor can be fixed in place within a portable electronic equipment by a suspension of either of said extensions inserted into an opening cut into a circuit board and by a pressing of the other extension between a portion of a case of the electronic equipment and the circuit board.

14. (Original) A mounting structure of a vibration-generating small-sized motor that is fixed in place within an electronic equipment by an insertion of a portion of an edge of a circuit board into a U-shaped groove rail at a facing position of a holder that covers an outside of an external housing case of the motor,

wherein extensions of said holder that project from both sides of said U-shaped groove rail are held under pressure by an assembly fitting of a divided equipment case of said electronic equipment, at the same time sandwiching said inserted circuit board,

whereby the motor can be fixed in place within said portable electronic equipment.

15. (Original) A mounting member for the vibration-generating small-sized motor of any one of claims 12 through 14, wherein the mounting member of said holder that covers the outside of the external housing case of the motor is made of a rubber-based elastic material.

16. (Original) A mounting member for the vibration-generating small-sized motor of any one of claims 12 through 14, wherein the mounting member of said holder that covers the outside of the external housing case of the motor is made of a resin-based insulating material.

17.-18. (Canceled)

19. (New) A mounting holder of a vibration-generating small-sized motor that supports an external housing case of the motor and mounts the motor in a portable electric equipment thereby,

wherein a circuit board of the electric equipment is provided within a case of the electric equipment, the circuit board has an opening portion that is formed at an edge thereof, and said holder is supported at an opening edge portion of said opening portion of the

circuit board so that the motor mounted by the holder can be disposed within the opening portion of the circuit board.

20. (New) A mounting holder of a vibration-generating small-sized motor of claim 19, wherein said opening portion formed at the edge of the circuit board is substantially a U-shaped opening portion.

21. (New) A mounting holder of a vibration-generating small-sized motor of claim 19, wherein an axial center of the motor mounted by said holder is located substantially within a space of the opening portion of the circuit board in a direction of the thickness of the circuit board.

22. (New) A mounting holder of a vibration-generating small-sized motor of claim 19, wherein an eccentric weight of the motor mounted by said holder is located outside of said opening portion of the circuit board in a direction of a motor axis.

23. (New) A mounting holder of a vibration-generating small-sized motor of claim 22, wherein a power supply terminal of the motor is provided on an opposite side of the motor to said eccentric weight, and the power supply terminal of the motor mounted by said holder is located within said opening portion of the circuit board.

24. (New) A mounting structure of a vibration-generating small-sized motor, comprising:

a mounting holder that supports an external housing case of the motor and mounts the motor in a portable electric equipment; and

a circuit board of the electric equipment that is provided within a case of the electric equipment,

wherein said circuit board has an opening portion that is formed at an edge thereof, and said holder is supported at an opening edge portion of said opening portion of the

circuit board so that the motor mounted by the holder can be disposed within the opening portion of the circuit board.

25. (New) A mounting structure of a vibration-generating small-sized motor of claim 24,

wherein said opening portion formed at the edge of the circuit board is substantially a U-shaped opening portion.

26. (New) A mounting structure of a vibration-generating small-sized motor of claim 24,

wherein an axial center of the motor mounted by said holder is located substantially within a space of the opening portion of the circuit board in a direction of the thickness of the circuit board.

27. (New) A mounting structure of a vibration-generating small-sized motor of claim 24,

wherein an eccentric weight of the motor mounted by said holder is located outside of said opening portion of the circuit board in a direction of a motor axis.

28. (New) A mounting structure of a vibration-generating small-sized motor of claim 27,

wherein a power supply terminal of the motor is provided on an opposite side of the motor to said eccentric weight, and the power supply terminal of the motor mounted by said holder is located within said opening portion of the circuit board.

29. (New) A vibration motor comprised of a motor body, a motor shaft projecting from the motor body, an eccentric weight attached to the motor shaft, and an attaching means for supporting said motor body in a horizontal prone posture at one surface of a board, wherein the attaching means has a pair of attachment faces straddling said motor shaft and

extending in parallel with the same at the two sides of a motor case and a plane including said pair of attachment faces intersects with a circular orbit of the outermost point of the eccentric weight at two points.

30. (New) A vibration motor as set forth in claim 29, wherein parts of said pair of attachment faces are positioned closer to said eccentric weight side than a center of gravity of said vibration motor itself.

31. (New) A vibration motor as set forth in claim 29, wherein a distance between a center point of a line connecting said two points and a point where a diametrical line of said circular orbit passing through that center point intersects said circular orbit in a normal direction at a plane including said pair of attachment faces is at least the radius of said circular orbit and not more than the sum of said radius and the thickness of said board.

32. (New) A vibration motor as set forth in claim 29, wherein: said motor body has an end cap for closing an opening of said motor case at the side opposite to said eccentric weight and a pair of external connection terminal pieces attached to said end cap, said attaching means has a pair of legs straddling said motor case in its thickness direction, a leg connecting part connecting said pair of legs on said motor case, and feet formed at the bottom of said legs, and said attachment faces are the back surfaces of said feet.

33. (New) A vibration motor as set forth in claim 32, wherein said feet are formed by bending the bottom ends of said legs outward.

34. (New) A board mounting structure of a vibration motor comprised of a vibration motor as set forth in claim 29 and a board provided with a cutaway space or an open space, wherein a pair of attachment faces of said vibration motor is affixed to one surface of said board at the sides of said cutaway space or said open space, and said vibration motor is

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mounted with at least said motor body in a state sunken in said cutaway space or said open space.